



## SWIMMING POOLS

**VILLAGE OF BOURBONNAIS**  
Building Department  
600 Main St NW  
Bourbonnais, IL 60914  
815-937-3575  
Fax 815-937-5606  
building@villageofbourbonnais.com  
[www.villageofbourbonnais.com](http://www.villageofbourbonnais.com)

### General Permit Procedures

1. Complete permit application
2. Attach Plat of Survey
  - a. Indicate location and dimensions of all existing structures on plat
  - b. Indicate location of pool including apron, pump, and heater (if applicable)

### Pool Location

1. Pools shall only be located in the rear yard.
2. Pools must be located a minimum of eight (8) feet from any structure, a minimum of eight (8) feet to any side lot line, and a minimum of ten (10) feet from the rear property line.
3. No portion of the pool shall be located in any drainage easement and must be a minimum of one (1) foot away from said drainage easement.

### Electrical Service Clearances

1. Pools shall not be placed within five (5) feet of any underground electrical service wires.
2. Pools shall not be placed within ten (10) feet horizontally of any overhead service wires.

### Electrical Requirements

1. All electrical devices used in conjunction with or connected to pools must be grounded and protected by an approved ground fault circuit interrupter type outlet.
2. All GFCI outlets must have a weather-proof "bubble-type", in-use plastic cover and must be securely mounted a minimum of sixteen inches (16") above ground and no closer than 5' to the pool wall and no farther than 10' from the pool wall.
3. The pool pump motor bonding terminal must have a #8 copper wire attached to a properly installed ½" X 8' copper ground rod attached with the proper clamp.

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4. Minimum #12 gauge wire or larger, as necessary, based on equipment requirement.
5. Twist-lock plugs must be plugged into a twist-lock outlet directly without the use of an adapter.
6. The pool pump plug wire cannot exceed three feet (3') in length.
7. All in-ground pools shall have any piece of metal properly bonded using a minimum #8 AWG bare copper wire, including but not limited to ladders, rails, diving board & slide anchors, pool edges, rebar, wire mesh, etc.
8. Extension cords are prohibited.

### Trench Depth Requirements

1. Gas supply piping and electrical conduits can be placed in the same trench.
2. Gas supply piping shall be buried a minimum of 12" deep.
3. Electrical piping (PVC or rigid) shall be buried a minimum of 12" deep, only rigid pipe may be used above grade.
4. Underground rated electric cable shall be buried a minimum of 18" deep.

### Gas Heater Requirements

1. All gas lines must have a correctly installed drip leg, as well as a shut off at the heater. (The shut off must be placed before the drip leg.)
2. All gas piping must be of an approved material.
3. Steel pipe must have a protective coating on pipe and fittings where installed below ground.

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### Barrier Requirements

1. All pools having a capable depth to two (2) feet or more must adhere to the barrier requirements described herein.
2. **Barrier requirements must be met prior to filling the pool or hot tub.**
3. All pool barriers must be a minimum of 48 inches in height.
4. The walls of an above ground pool may not be used as a barrier.
5. If the pool barrier is placed on top of the pool wall, and the means of access is a ladder or steps, the ladder or steps must be capable of being secured, locked or removed to prevent access, or the ladder or steps shall be surrounded by a barrier which meets the code.
6. Gates should be installed at the bottom of a deck or stairs and should swing out away from the pool.
7. Gates must be self-closing and self-latching devices designed to keep, and capable of keeping such gate securely closed at all times when not in actual use.
8. Gates must be a minimum of 48" in height at the lowest point.
9. Where a wall of the dwelling serves as part of the barrier, along with a fenced-in yard, doors with direct access to the pool shall be equipped with an audible alarm that sounds when the door is opened.
10. The Village does not allow a safety cover meeting ASTM F 1346 in lieu of a barrier.

Special Note for In-Ground Pools: Once excavation has reached a depth of 18", a 4' fence must be maintained around the excavation at any time it is unattended.

- It is the owners' responsibility to contact J.U.L.I.E. at 1-800-892-0123 for location of all utilities.
- No construction may begin until a building permit has been approved and issued. The owner of the property is responsible to ensure a permit has been issued prior to construction beginning. The permit placard must be placed on the front of the principal structure so it can be seen from the public right-of-way at all times during construction.

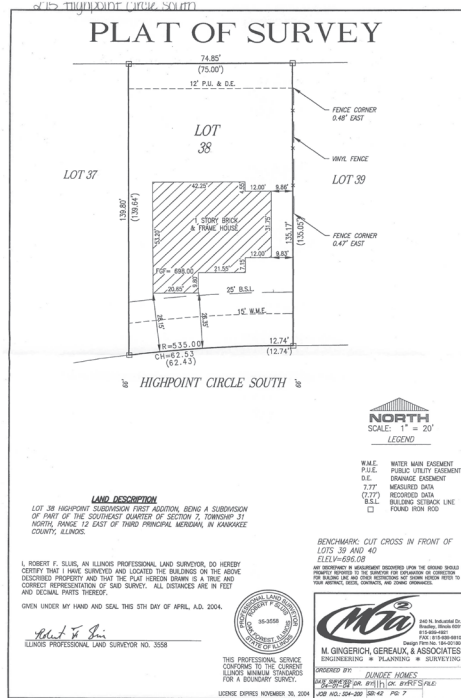
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## Sample Plat of Survey



## Pedestrian Gates

### 2012 IRC Code Reference AG105.2.8-8.2

These are the gates people walk through. Swimming pool barriers shall be equipped with a gate or gates which restrict access to the pool. Gates shall open out from the pool and shall be self-closing and self-latching.

If a gate is properly designed and not completely latched, a young child pushing on the gate in order to enter the pool area will at least close the gate and may actually engage the latch.

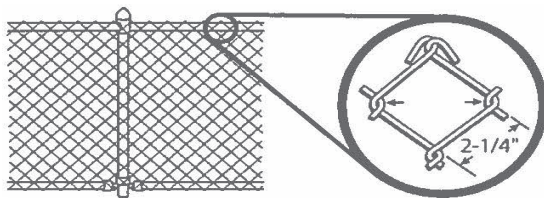
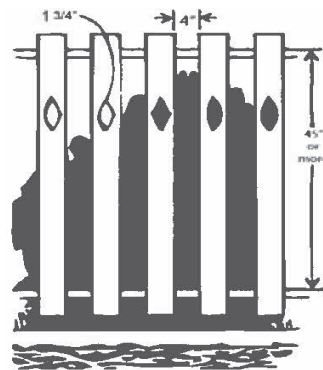
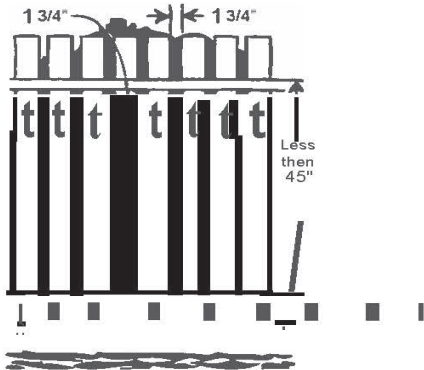
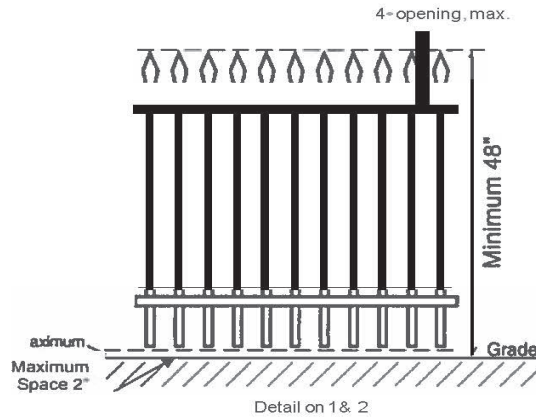
When the release mechanism of the self-latching device on the gate is less than 54 inches from the bottom of the gate, the release mechanism for the gate shall be at least 3 inches below the top of the gate on the side facing the pool. Placing the release mechanism at this height prevents a young child from reaching over the top of a gate and releasing the latch.

Also, the gate and barrier shall have no opening greater than 1/2 inch within 18 inches of the latch release mechanism. This prevents a young child from reaching through the gate and releasing the latch.

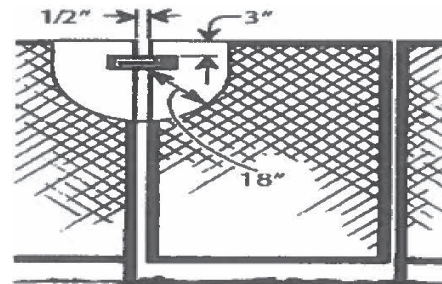
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Sampl



Detail on 6 - chain link fence max mesh size.  
 Note: Placing slats in the fence will reduce the maximum required width to 1.75"



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